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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Maria Anna Wubben and Albert Doderer
Title: PECTINS AS FOAM STABILIZERS FOR BEVERAGES
HAVING A FOAM HEAD
Int. App. No.: PCT/NL95/00266
Int. Filing Date: August 3, 1995
Docket: 29865

5/ Pua
6/26/97

PRELIMINARY AMENDMENT

Attn: Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the above-identified application prior to
its examination, as follows.

IN THE SPECIFICATION:

After the claims on page 22, please add on a separate
page 23 an Abstract as follows:

--ABSTRACT OF THE DISCLOSURE

The invention provides pectins as new foam stabilizers
for (temporary) foam heads in beverages, in particular in
beers, especially beers of the pilsner type. These foam
stabilizers are preferably obtained from hops, which is a
constituent that is inherent in beer and accordingly offers
the advantage, among others, that the foam stabilizers need to
have no negative effect on the taste of the beer. Preferably,
the pectins are obtained from hop cones or bines. It may be
advantageous to partially saponify (de-esterify) the pectins,
in connection with the number of charged groups on the